

S. A.
ANANYAN, A. S.

"Pappataci Fever." Dr Med Sci, Acad Med Sci USSR, 24 Dec 54.
(VM, 14 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (12)
SO: Sum. No. 556 24 Jun 55

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANANYAN, S. A.,

"Contemporary Data Concerning the Viruses of Fevers Transmitted by Mosquitoes,"
a report discussed at one of six meetings of the Virological Section, Moscow
Dept. All-Union Society of Microbiologists, Epidemiologists, and Infectionists
imeni I. I. Mechnikov in 1955. Voprosy Virusologii, 1, No 2, 1956

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

AMIRMAN, S. I., PIVANOVA, G. F.

"Current data on the diagnosis of transmissible viral infections by the method of inhibiting hemagglutination." p. 56

Desyatoye Soveshchaniye po parazitologicheskim problemam i prirodnocchagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences USSR and Academy of Sciences USSR, No. 1 254pp.

ANANYAN, S. A.

The problem of eradication of mosquito malaria in the USSR."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

1951, 18, 52, 53, 54, 55.

International Commission on the study of the tropical diseases
phylogenetic properties of marine viruses and their relation to
yellow fever. Virology virus no. 8:124-132 1952.

(1952)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANARYAN, S.A.

Antibodies to transmissible viruses of Casals' group A and B
in some population groups of the U.S.S.R. Zhur. mikrobiol.,
epid. i immmun. 40 no.10:125-130 G '63. (MIRA 17:6)

do. Iz Instituta poliomielita i virusnykh entsefalitov AMN SSSR.

ANANYAN, S.A.

Preliminary serological and virological data on the isolation
of arbo A viruses in Eastern parts of the U.S.S.R. Acta virol
(Praha) [Engl] 8 no.1:93 Ja'64.

1. Institute of Poliomyelitis and Viral Encephalitis, U.S.S.R.
Academy of Medical Sciences, Moscow.

*

VINNIK, L.M.; GRINBERG, R.Ya.; KAMINSKIY, Ya.A.; KLEPIKOV, V.D.; KUZNETSOV, A.M.; KUCHENEV, N.I.; STRUZHESTRAKH, Ye.I.; TISHIN, S.D.; KHAR'TONOV, A.B.; TSEYTS, I.E.; SHAPIRO, I.I.; SHAPIRO, M.Ya.; ANAN'YAN, V.A., retsenzent; VASIL'YEV, D.T., retsenzent; GORETSKAYA, Z.D., retsenzent; KARTSEV, S.P., retsenzent; KEDROV, S.M., retsenzent; KOMISSARZHEVSKAYA, V.N., retsenzent; KOPERBAKH, B.L., retsenzent; KORBOV, M.M., retsenzent; LEONOV, N.I., retsenzent; LUR'YE, G.B., retsenzent; NOVIKOV, V.F., retsenzent; GAL'TSOV, A.D., red.; VOL'SKIY, V.S., red.; KHISIN, R.I., red.; SEMENOVA, M.M., red. izd-va; MODEL', B.I., tekhn.red.

[Reference book for establishing norms in the manufacture of machinery; in 4 volumes] Spravochnik normirovshchika-mashinostroitelia; v 4 tomakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Vol.2. [Establishing technical norms for operating machine tools] Tekhnicheskoe normirovanie stanochnykh rabot. Pod red. E.I.Struzhestrakha. 1961. 392 p.

(MIRA 14:8)

(Industrial management) (Machine tools)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

KLONOV, A.F., kand. tekhn. nauk; AN'YAN, V.A., inzh.,
retsentsent; POPOV, S.A., kand. tekhn. nauk, red.

[Diamond tools in industry] "Almaznye instrumenty v pro-
myshlennosti. Moskva, Izd-vo "Mashinostroenie," 1964.
342 p. (MIRA 17:8)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

L 6800-65 EWT(1)/EWA(b) 15-4 JK
ACCESSION NR: AP403958C

S/0016/64/000/006/0120/0125

AUTHOR: Barinskiy, I. F.; Anan'yev, V. A.; Sinayko, G. A.

45
44

TITLE: Serological investigation of virus strains isolated from epidemic hepatitis patients

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 6, 1964, 120-125

TOPIC TAGS: hepatitis (Botkin's disease), isolated hepatitis virus strain, virus strains K₃ and 158-k₂, serological investigation, serum neutralization reaction, complement fixation reaction, virus neutralizing antibody, virus specificity, hepatitis convalescence period, serum titration

ABSTRACT: Twelve virus strains were isolated from the blood and feces of epidemic hepatitis patients and an immune serum was developed for each strain by immunizing rats with virus suspensions. The neutralization and complement fixation reactions of the 12 serums showed that 10 of the 12 virus strains were similar in biological and antigenic properties. Two of these similar virus strains K₃ and

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L 6800-65
ACCESSION NR: AP4039589

158-K^r) were used for seroreaction investigations of serums prepared from epidemic hepatitis patients in different convalescent stages. For complement fixation reactions, the serums were diluted with five parts of a physiological solution (pH 7.0) and heated at 60°C for 30 min. For neutralization reactions, serums were taken from patients with serious hepatitis cases (aldolase level of 30 to 40 units or more, transaminase level of 100 units or more, clinical symptoms and enzyme levels not restored by 4th to 5th week of jaundice) and from patients with light hepatitis cases (aldolase level of less than 30 units, transaminase level of less than 100 units, clinical symptoms and enzyme levels restored by 4th to 5th week of jaundice). Findings show that the titers of virus neutralizing and complement fixing antibodies are low in sera of patients with epidemic hepatitis. Antibodies for the investigated virus strains were generally found in the sera of patients during the fourth month of convalescence or later. Virus neutralizing antibodies were found more often in sera of patients with serious hepatitis cases. In many cases, antibodies for the virus strains under investigation were also found in donor sera and sera from patients with different acute infectious diseases. Experimental results demonstrate the feasibility of investigating

Card 2/3

L 6800-65

ACCESSION NR: AP4039589

virus specificity by serological reactions and the need for developing virus research in this direction. Orig. art. has: 7 tables.

ASSOCIATION: Institut virusologii im. Ivanskogo AMN SSSR (Virology
Institute AMN SSSR)

SUBMITTED: 02Aug62

ENCL: 00

SUB CODE: LG

NR REF Sov: 002

OTHER: 001

Card 3/3

USSR/Soil Science - Soil Genesis and Geography.

J.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15244

Author : V.L. Ananyan

Inst :

Title : Several Peculiarities in the Agricultural Chemistry of
the Eroded Sandy Soils of Sevan Island.
(Nekotoryye agrokhimicheskiye osobennosti obnazhennykh
peschanykh gruntov ozera Sevan).

Orig Pub : Izv. AN ArmSSR, biol. i s.-kh. n., 1956, 9, No 10, 81-
92.

Abstract : The sand deposits on the shores of Sevan Island are poor
in N, P, and K, are weakly carbonated and characterized
by neutral or weakly alkaline reaction. According to
the findings of vegetational research, the grass harvest
on these deposits was considerably augmented after nitro-
genous fertilizers were used. It is possible to plant
arboreal cultures on the sands.

Card 1/1

ANANYAN, V.L.

Effect of the carbonate content of soils on the assimilation of
phosphorus by plants. Report No.1. Dokl. AN Arm. SSR 26 no.4:241-244
'58.
(MIRA 11:5)

1. Laboratoriya agrokhimii Akademii nauk Armyanskoy SSR. Predstavleno
G.S. Davtyanom.

(Calcium carbonate)
(Plants, Effect of phosphorus of)
(Armenia--Minerals in soil)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANANYAN, V.L.

Beta-ray activity of Armenian soils. Dokl. AN Arm. SSR 28 no.5:217-221
'59. (MIRA 12:10)

1. Laboratoriya agrokhimii Akademii nauk Armyanskoy SSR. Predstavлено
akademikom AN Armyanskoy SSR G.S. Davtyanom.
(Beta rays) (Armenia--Soils)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANANYAN, V.L.

Radiometric determination of total potassium in soils. Izv. AN Arm.
SSR. Biol. nauki 13 no. 5:87-90 My '60. (MIRA 13:9)

1. Laboratoriya agrokhimii Akademii nauk ArmSSR.
(ARMENIA—SOILS—ANALYSIS)
(POTASSIUM—ISOTOPES)

ANANYAN, V.L.

Absorption of radiostrontium by barley plants from different soils
of Armenia. Dokl. AN Arm. SSR 34 no.2:83-87 '62. (MIRA 15:4)

1. Latoratoriya agrokhimi AN Armyanskoy SSR. Predstavлено
akademikom AN Armyanskoy SSR G.S.Davtyanom.

(Armenia--Strontium--Isotopes)
(Plants, Effect of strontium on)

ANANYAN, V.L.

Effect of radioactive edaphic air on plants. Dokl. AN Arm. SSR
34 no. 3:113-116 '62.
(MIRA 15:5)

1. Laboratoriya agrokhimii AN Armyanskoy SSR. Predstavleno
akademikom AN Armyanskoy SSR G.S. Davtyanom.
(Plants, Effect of radiation on)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANANYAN, V.L.; MARTIROSYAN, G.M.

Beta-radioactivity of plants in various districts of Armenia.
Izv. AN Arm. SSR. Biol. nauki 18 no.1:63-67 Ja '65.

1. Laboratoriya agrokhimii AN Armyanskoy SSR.

(MIRA 18:5)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

L 23851..66 FWT(m) DIAAP

ACC NR: AP6015258

SOURCE CODE: UR/0298/65/018/001/0063/0067

AUTHOR: Ananyan, V. L.; Martirosyan, G. M.

ORG: Laboratory of Agricultural Chemistry, AN ArmSSR (Laboratoriya agrokhimii AN
ArmSSR)TITLE: Beta-radioactivity of plants¹⁶ in various regions of ArmeniaSOURCE: AN ArmSSR, Izvestiya. Seriya biologicheskikh nauk, v. 18, no. 1, 1965, 63-
67

TOPIC TAGS: beta radiation, botany

ABSTRACT: The beta-radioactivity of grass and alfa¹⁶ growing on typical soils in various rayons of Armenia was determined. The radioactivity varied within the rather narrow limits of $1.95 - 3.43 \times 10^{-8} \text{c/kg}$ dry weight over all the rayons investigated. An exception was the grass from an alpine meadow at Aragats, which exhibited an activity of $5.64 \times 10^{-8} \text{c/kg}$ dry weight. The percentage of beta-activity due to K⁴⁰ varied from 11.3 at Aragats over 23.7 at the village of Artagyukh (Spitaksk rayon) to 80.2% at Yerevan. In accordance with data for other locations, moss had a higher beta-radioactivity than grasses: a sample of moss showed a beta-radioactivity in the $0.4 - 2.35 \times 10^{-7} \text{c/kg}$ dry weight range.
Orig. art. has: 1 table. (JPRS)

SUB CODE: 06, 18 / SUBM DATE: 10Sep'64 / ORIG REF: 012

Card 1/1 ②

2

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YAN, V.V.

"Leptospirosis in Insectivores", Problems of Regional, General, and Experimental
Parasitology and Medical Zoology, Vol. 9, 1955.

Division of Parasitology and Medical Zoology, Inst. Epidemiology and Microbiology
imeni N. F. Gamleya, AMA USSR

Sum. I305

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANAN'YAN, V.V. and KARASEVA, Ye. V.

"Leptospirosis in Monkeys", Problems of Regional, General, and Experimental
Parasitology and Medical Zoology, Vol. 9, 1955.

Division of Parasitology and Medical Zoology, Inst. Epidemiology and Microbiology
imeni N. F. Gamaleya, AMS USSR

Sum. I305

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YAN, V. V., KARASSEVA, YE. V., PETELINA, L. P.

"Natural nidi of leptospiroses in the steppe regions."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

AGRE, V.L.; AL'DIYEVA, K.N.; ANANYAN, V.V.; BERLIN, R.I. [deceased];
ISTOMIN, A.V.; KAGAN, I.A.; KRONGAUZ, N.D.; KULAKOV, A.M.;
MARKOV, V.P.; MATVEYEV, Yu.M.; NESVETAYEV, A.M.; OSIPOV, A.P.
[deceased]; POZIN, M.S.; PAYNSHTEYN, V.M.; SHAPIRO, B.S.;
SHIVCHENKO, N.A.; SHCHIRIN, V.N.; AL'SHEVSKIY, L.Ye., kand.
tekhn.nauk, red.; VLADIMIROV, Yu.V., red.izd-va; MIKHAYLOVA,
V.V., tekhn.red.

[Rolling and pipe mills] Prokatnoe i trubnoe proizvodstvo.
Pod red. L.E. Al'shevskogo i A.V. Istomina. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962.
246 p.
(MIRA 15:2)

1. Moscow. TSentral'nyy institut informatsii chernoy metallurgii.
(Rolling mills) (Pipe mills)

ANANYAN, YE. L.

USSR/Medicine - Brucellosis

Jun 53

"Tick Or. lahorensis as a Carrier and Transmitter of Brucellae," V. N. Zil'fyan, Ye. L. Ananyan, Chair of Epidemiol, Yerevan Med Inst and Armenian Observation

Zhur Mikro Epid i Immun, No 6, 14

Guinea pigs were experimentally infected with an emulsion obtained from the organs of ticks that were removed from infected goats and sheep. Expts showed that Or. lahorensis can become infected with brucellosis and can transmit this infection to healthy animals. Since ticks come in contact with rodents and feed on their blood, brucellosis melitensis can

26/T11

presumably be spread from one place to another by means of ticks and rodents.

ANANYAN, Ye.L.

ZIL'FYAN, V.N.; ANANYAN, Ye.L.

*Role of argasid ticks in the transmission of Brucella. Zool.zhur.
34 no.1:98-100 Ja-F '55.*
(MIRA 8:3)

1. *Armyanskaya protivochumnaya stantsiya.
(Ticks as carriers of disease) (Brucellosis)*

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, A., brigadir kombaynovoy brigady.

Cooperating with designers. Mast.ugl. 2 no.4:13-14 Ap '53. (MLRA 6:5)

1. Shakhta no.33.

(Coal-mining machinery)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANAN'YEV, A.
ANAN'YEV, A.; BOGUSLAVSKIY, I. (Moskva)

Route system of accounting at a shoe factory. Bukhg.uchet 24
no.4:37-40 Ap '57. (MIRA 10:12)

1. Nachal'nik finansovo-bukhgalterskogo otdela Moskovskogo gorod-skogo upravleniya lekkoj promyshlennosti 'for Anan'yev).
2. Glavnnyy bukhgalter fabriki model'noy obuvi No.3 Moskovskogo gorodskogo upravleniya lekkoj promyshlennosti (for Boguslavskiy).
(Shoe industry--Accounting)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANAN'YEV, A.A., kand. tekhn. nauk.

Vibration of carrying ropes of cable cranes during unloading.
[Izd.] LONITOMASH 43:128-134 '57. (MIRA 11:6)
(Cranes, derricks, etc.--Vibration)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, A.A., kand. tekhn nauk.

Testing construction cable cranes. Makh.stroi. 15 no.10:20-23
0 '58. (Cranes, derricks, etc.--Testing) (MIRA 11:11)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, A.A.; PLODOVITOV, N.N.

Investigating vibrations of carrying ropes of cable cranes with
a suspended bin. Trudy IPI no.211:70-76 '60.
(Cranes, derricks, etc.--Vibration) (MIRA 13:11)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

AKHIEV, A.A.

Investigating coupling of cableway cars. Trudy IPI no.211:95-102
'60.

(Car couplings)

(MIR 13:11)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANAN'YEV, A.A.; GOKHBERG, M.M.; DUKEL'SKIY, A.I., prof., doktor tekhn. nauk; LANG, A.G.; MAYZEL', V.S.; MEKLER, A.G.; SIROTSKIY, V.F.; KOGAN, I.Ya., kand. tekhn. nauk, retsenzent; REYNCOL'DT, Yu.A., kand. tekhn. nauk, retsenzent; SAMOYLOVICH, P.A., kand. tekhn. nauk, red.

[Reference book on cranes] Spravochnik po kranam. Pod red. A.I.Dukel'skogo. Moskva, Mashgiz. Vol.1. [General design, materials, drives, metal constructions] Obshchie raschety, materialy, privody, metallicheskie konstruktsii. By A.A.Anan'ev i dr. 1961. 455 p. (MIRA 14:11) (Cranes, derricks, etc.)

MOLCHANOV A. O.P., prof.; LOBANOV, D.I., prof.; MARSHAK, M.S., prof.;
GANETSKIY, I.D.; BEREZIN, N.I., laureat Stalinskoy premii;
KONNIKOV, A.G., laureat Stalinskoy premii; LIFSHITS, M.O.;
METLITSKIY, L.V., doktor sel'skokhoz.nauk; NAMYSTNIKOV, A.F.,
kand.tekhn.nauk. Prinimali uchastiye: ANAN'YEV, A.A.; GROZNOV,
S.R.; YEFIMOV, V.P.; KIRNADZE, N.S.; NIKASHIN, F.P.; PIROGOV,
N.M.; SKRIPKIN, G.M.; TSYPLAKOV, N.P. SIVOLAP, I.K., red.;
SKURIKHIN, M.A., red.; BETSOFEN, Ya.I., red.; DAMASKINA, G.B.,
red.; PRITYKINA, L.A., red.; KISINA, Ye.I., tekhn.red.

[Book on tasty and healthy food] Kniga o vkusnoi i zdorovoi
pishche. Moskva, Pishchepromizdat, 1961. 423 p.

1. Chlen-korrespondent AMN SSSR (for Molchanova). (MIRA 15:2)
(Cookery)

ANAN'YEV, A.A.; LANG, A.G.; MAZOVER, I.S.; NIKOLAYEVSKIY, G.M.;
PYASETSKIY, V.V.; DUKEL'SKIY, A.I., prof., doktor tekhn.
nauk, red.; KOGAN, I.Ya., kand. tekhn. nauk, retsenzent;
BAZANOV, A.F., inzh., retsenzent; SAMOYLOVICH, P.A., kand.tekhn.
nauk,red.; VASIL'YEVA,V.P.,red.izd-va; PETERSON,M.M.,tekhn.red.

[Handbook on cranes]Spravochnik po kranam. Pod red. A.I.Dukel'-
skogo. Moskva, Mashgiz. Vol.2.[Crane mechanisms, their units
and parts]Kranovye mekhanizmy, ikh usly i detali. [By] A.A.Anan'ev
i dr. 1962. 351 p. (MIRA 15:8)
(Cranes, derricks, etc.)

ALEYNER, A.L.; ANAN'YEV, A.A.; KOGAN, I.Ya.; LANG, A.G.;
NIKOLAEVSKIY, G.M.; PLAVINSKIY, V.I.; SAMOYLOVICH, P.A.;
GORBACHEV, A.I., inzh., retsenzant; DUKEL'SKIY, A.I., prof.,
doktor tekhn. nauk, red.; SKOMCROVSKIY, R.V., kand. tekhn.
nauk, red.; MITARCHUK, G.A., red.izd-va; VASIL'YEVA, V.P.,
red.izd-va; SPERANSKAYA, O.V., tekhn. red.

[Handbook on cranes] Spravochnik po kranam. Pod red. A.I.
Dukel'skogo. Moskva, Mashgiz. Vol.3. [Characteristics of
cranes, maintenance and installation] Kharakteristiki kranov,
tekhnicheskaiia ekspluatatsiia i montazh. 1963. 340 p.

(MIRA 16:8)

(Cranes, derricks, etc.)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

SHEYKO, Sergey Sergeyevich; YANKELEVICH, Mikhail Nikolayevich;
ANAN'YEV, A.I., retsenzenter; ZOLOTUKHIN, P.Ya., retsenzenter;
ILINICH, B.K., red.; TRUSOV, N.S., tekhn. red.

[Accounting and calculation of production costs in a clothing factory] Uchet i kal'kulirovanie sebestoimosti produktov shveinoi fabriki. Leningrad, Gosmestpromizdat, 1962. 195 p.
(MIRA 16:4)

(Clothing industry—Accounting)
(Costs, Industrial)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

LIPKES, M.I.; GAYNISHEV, A.F.; DUKHON, P.S.; ANAN'YEV, A.N.

Industrial tests of chlorolignin a new viscosity reducing
reagent for drilling muds. Trudy VNIING no.2:20-26 '63.

(MIRA 17:5)

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CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

LIPKES, M.I.; GAYNTSEV, A.F.; DUKHON, P.Yu.; ANAN'YEV, A.N.

Plant tests of chlorolignin, a new thinner for clay muds.
Trudy VNIING no.2:20-26 '63.

(MIRA 17:10)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAK'YEV, A. R.

42105 ANAK'YEV, A. R. - k vopcsu okembrii-dokemorii v mariin-skoy tayge-kuenepkogo alatau. Truly gorno-geol. in-ta (akad. nauk SSSR, eap. siy. filial) vyp. 2. 1948, s. 109-23-yiyliogr. 9 naev.

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948.

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, A.R.

Anan'yev, A.R. "Fragments of the upper Cretaceous and Tertiary flora from the Kemi River, a left tributary of the Yenesei," Trudy Tomskogo gos. un-ta im. Kuybyshcheva, Vol. XCIX, 1948. p. 29-74 - Bibliog: p. 71-73

SO: U-2838, Letopis Zhurnal'nykh Statey, No. 1, 1949

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANASYEV, A. R.

"New Data on the Geology of the Mesozoic Deposits in the Chulymo-Yenisey Basin," Tr. Tomskogo un-ta, ser. geol., 124, 67-96, 1953

The author presents the data of his geological investigations and also interprets the data in the literature on the geology of the mesozoic deposits in the Chulymo-Yenisey Basin. Among the upper Jurassic deposits is distinguished a new stratigraphic entity, the Kenchug series (Kemchug-skaya svita). The author considers the history of development and makes more precise the boundaries of the Chulymo-Yenisey foothill depression as an independent geological structure of West Siberia. He presents certain data on the most typical tectonic forms characteristic for the mesozoic strata.

RZhGeol, No 1, 1955

AKSARIN, A.V.; ANAN'YEV, A.R.; BENEDIKTOVA, R.N.; CORBUMOV, M.G.; GRATSIANOVA, R.T.; YEGOROVA, L.I.; IVANIYA, V.A.; KRAYEVSKAYA, L.N.; KRASHOPKYEVA, P.S.; LEBEDEV, I.V.; LOMOVITSKAYA, M.P.; POLETAYEVA, O.K.; ROGOZIN, L.A.; RADCHENKO, G.P.; RZHONSNITSKAYA, M.A.; SIVOV, A.G.; FOMICHEV, V.D.; KHALFINA, V.K.; KHALFIN, L.L.; CHERNYSHeva, S.V.; NIKITINA, V.N., redaktor; GURCOVA, O.A., tekhnicheskiy redaktor

[Atlas of leading forms of fossils in the fauna and flora of Western Siberia] Atlas rukovodashchikh form iskopaemykh fauny i flory zapadnoi sibiri. Pod red. L.L.Khalfina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, Vol.1. 1955. 498 p. Vol.2. 1955. 318 p. [Microfilm]

(MLRA 9:3)

1. Tomsk. Politekhnicheskiy institut imeni Kirova.
(Siberia, Western--Paleontology)

ANAN'YEV, A.R.

New fossil plants from the lower Devonian deposits near the village
of Torgashino in the southeastern part of western Siberia. Bot. zhur.
42 no. 5:691-702 My '57.
(MIRA 10:6)

1. Tomskiy gosudarstvennyy universitet.
(Torgashino (Krasnoyarsk Territory)--Paleobotany, Stratigraphic)

AUTHOR ANAN'YEV, A.R., and YEGANOV, E.A., XEROXED/3X 20-2-45/67
TITLE On the Age of the Bystriansk Series(South-East of West-Siberia),
on the Occasion of the Discovery of Cyclostigma kiltorkense
Haughton.
(O vorzaste Bysryanskoy svity na yugo-vostoke Zapadnoy Sibiri
v svyazi s otkrytiyem v ney Cyclostigma kiltorkense Haughton v
rayone Uzhura - Russian)
PERIODICAL Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr 2, pp 403-406,
(U.S.S.R.)
Received 6/1957 Reviewed 7/1957
ABSTRACT The age of the Bystryansk series (formerly Minusinsk-series)
with is highly developed in all valleys of the Minusinsk flexures
has been disputed up to now. Opinions varied between upper
devonian, lower carboniferous or the transition layers between
the latter; In 1953 the Nazarov depression (the most northerly
situated one of the herzynic Minusinsk intermountain depressions)
the second author discovered fossil plants which turned out to
be very instructive for determining the age of the series. The
layers with fossil plants were situated in about the central part
of the series which according to drillings does not exceed a thickness
of 100-120 m. It has 4 horizons: 1. a green dolomite horizon,
which lies on red coloured upper devonian (3-4 m), 2. lower packet
of greyish-yellow, massive obliquely stratified limestones (20-
30 m), 3. izykchule-fish-horizon containing fish-remains, 4. upper
Card 1/4

On the Age of the Bystriansk Series (South-East
of West-Siberia), on the Occasion of the Discovery of Cyclostigma
kiltorense Haughton.

~~RECORDED~~

20-2-45/67

lower carboniferous is fixed; If the correctness of the age of the lower carboniferous of the Bystriansk series is recognized in the base of its fish fauna the fossil plants cannot be classified as the lowest layer of the lower carboniferous. This is confirmed by the survival of numerous upper devonian sorts of plants until the Bystriansk-epoch without any perceptible morphological modifications. This is also valid for Cyclostoma kiltorense, a characteristic kind of the upper devonian. The sediments of the Bystriansk series deserve a special name as the "bear-stage" of Heer is not applicable to them. The stratotype of the latter turned out to be upper devonian to judge from fauna and flora. In the Bystriansk-epoch a complete revival of the fish-fauna took place whereas the revival of the flora towards Kulm-forms at that time had only just begun. So far it was assumed that the flora in its development always preceded that of the fauna. Here matters obviously are inverted. Fixing a new link in the development of the devonian-carboniferous-florae will doubtlessly be very important for deciphering many disputed places of discovery of fossil plants.
(With 3 illustrations, among them one plate, 7 citations from Slavic publications).

Card 3/4

20-6-29/42

Anan'yev, A. R.
AUTHORS: Anan'yev, A. R., and Grayzer, M. I.

TITLE: Flora of Devonian and Carboniferous Boundary Layers of the
Minusinsk Trough (O flore pogranichnykh sloyev devona i karbona v
Minusinskoy kotlovine).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 6, pp. 997-1000 (USSR).

ABSTRACT: In the afore-mentioned paragraph a characterization of this flora is given according to reliable corresponding informations. Conclusions: In the lithological uniform Bystryansk-suite at the basis of the Tourné stage there are 2 "floristic" horizons. A) a lower one of two packets: a) dolomite-lime-packet, and b) packet of fine-stratified tufites. This horizon is characterized by Cyclostoma kiltor-kense, C. carnegianum and Sphenophyllum subtenerimum. B) the upper horizon perhaps corresponds to the sand-stone-tufaceous-packet of the suite, and it contains Sublepidodendron igirschense, Spec. nov. (a new species, here shortly described, figure 2), Asterocalamites scrobiculatus, Sphenophyllum subtenerimum, Rhacophytum incertum and Aneimites acadica. If the lower horizon always still consist of the characteristic Upper-Devonian forms, then the upper one contains as well Devonian and already undoubtedly Carboniferous forms. According to the proposal of the authors the upper floristic complex practical-

Card 1/3

Flora of Devonian and Carboniferous Boundary Layers
of the Minusinsk Trough

20-6-29/42

ASSOCIATION: Tomsk State University, Union Geological Prospecting Office
(Tomskiy gosudarstvennyy universitet, Soyuznaya geologo-poiskovaya
kontora).

PRESENTED: May 18, 1957, by S. I. Mironov, Academician.

SUBMITTED: May 2, 1957.

AVAILABLE: Library of Congress.

Card 3/3

The Age of the Lower Part of the Minusinsk Series in Connection With the Discovery of Lepidodendropsis hirmeri Lutz in the Samokhval'skaya Suite

Card 2/3

lead by M. I. Grayser. The boundary between the Upper Devonian and the Lower Carboniferous in the Minusinsk depressions is therefore to be drawn within the Bystryanskaya suite, according to the change of the flora. By this means, the notations: Bystryanskaya Mass I and II of the first investigators are re-established. The common occurrence of Cyclostigma and Lepidodendron in the Samokhval'skaya suite remained puzzling until recently and prevented an accurate age determination of this suite (Refs 8,10,20,21). The new discoveries of the authors, including the plant species mentioned in the title removed this obstacle: in reality, neither Lepidodendron nor Cyclostigma have been found here. The plant that was identified by earlier investigators as Lepidodendron, is in the opinion of the authors Sublepidodendron (Nath.) Hirmer and belongs to another species of Sublepidodendroceae (Ref 18). Many errors in identification originate in the different state of preservation of the bark of the very same plant species. Thus, L.hirmeri has several synonyms (Refs 3,4,13,14)(Ref 20). Neodendron Ghachl. and

The Age of the Lower Part of the Minusinsk Series in Connection With the Discovery of Lepidodendropsis hirmeri Lutz in the Samokhval'skaya Suite

Eremiodendron Chachl. (Ref's 8,9) are combined by the authors under the name Caulopteris ogurensis (Schmalh.) comb.nov.. The Lepidodendropsis species belong to a flora which has a narrow stratigraphic range: from the upper part of the Upper Devonian to the lowermost part of the Lower Carboniferous (Ref 16). To the numerous evidences of a pre-Upper Mississippian age of Lepidodendropsis, still more are added (Refs 6,22). Sublepidodendron distans and Caulopteris ogurensis also indicate a pre-Upper Mississippian age for the Samokhval'skaya flora (Refs 11, 12). There are 2 figures and 22 references, 10 of which are Soviet.

ASSOCIATION: Tomskiy gosudarstvennyy universitet im. V. V. Kuybysheva
(Tomsk State University imeni V. V. Kuybyshev)
PRESENTED: July 18, 1958, by N. S. Shatskiy, Academician
SUBMITTED: July 16, 1958

Card 3/3

ANAN'YEV, A.R.; KHAKHLOV, V.A., red.; OSOVSKIY, A.T., tekhn.red.

[Principal deposits of Devonian flora in the Sayan-Altaï mountain region] Vashneishie mestonakhozhdeniya devonskikh flor v Sayano-Altaiskoi gornoi oblasti. Tomsk, Izd-vo Tomskogo univ., 1959. 83 p.
(Altai Mountains--Paleobotany)
(Sayan Mountains--Paleobotany)

(MIRA 14:2)

ANAN'YEV, A.R.

Studying the middle Devonian flora of the Sayan-Altai mountain region. Bot. zhur. 45 no.5:649-666 My '60. (MIRA 13:?)

1. Tomskiy gosudarstvennyy universitet im. V.V. Kuybysheva.
(Sayan Mountains--Paleobotany)
(Altai Mountains--Paleobotany)

ANAN'YEV, A.R.; KRASNOV, V.I.

Stratigraphy of the Devonian of the Tustuchzhul syncline in
the South Minusinsk Depression. Dokl.AN SSSR 145 no.4:867-870
(MIRA 15:7)
Ag.' 62.

1. Tomskiy gosudarstvennyy universitet im. V.V.Kuybysheva i
Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki
i mineral'nogo syr'ya. Predstavлено akademikom A.L.Yanshinym.
(Minusinsk Basin—Geology, Stratigraphic)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, A.R.; SUKHOV, S.V.

Studies of the development of the Upper Paleozoic flora in the
Sayan-Altai area. Trudy SNIIGGIMS no.21:76-94 '62. (MIRA 16:1P)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, A.R.; KORDE, K.B.; MIKHAYLOVA, Yu.V.; PARFENOV, M.D.; SUKHOV, S.V.

Plantae. Trudy SNIIGGIMS no.21:220-247 '62.

(MIRA 16:12)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANANIEV, A. R.

"Recent studies on the Devonian floras of Siberia."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

Tomsk State Univ.

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

KHAKHLOV, Venadikt Andreyevich, prof.; ANAN'YEV, A.R., red.

[Upper Paleozoic flora of northern Siberia in seven issues]
Verkhnepaleozoiskaya flora severa Sibiri. Tomsk, Izd-vo
Tomskogo univ. No.1. 1964. 112 p. (MIRA 18:9)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

KALUGIN, A.S.; ANAN'YEV, A.R.; GRATSIANOVA, R.T.; KUL'KOV, N.P.; MIRONOVA, N.V.;
NADLER, Yu.S.

Stratigraphic position and the age of the horizon of the volcanic
sedimentary iron ores in Devonian sediments in the Altai. Trudy
SNIZIGGIMS no.29:142-148 '64. (MIRA 18:3)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANAN'YEV, Boris Gerasimovich, redaktor

[Problems of psychophysiology and clinical aspects of sensibility]
Voprosy psichofiziologii i kliniki chuvstvitel'nosti; sbornik eks-
perimental'nykh issledovanii. Redaktsionnaia kollegiia: B.G.Anan'ev
[i dr.] Leningrad, 1947. 185 p. (Trudy Gosudarstvennogo instituta po
izucheniiu mozga, t.15) (MIRA 7:?)
(BRAIN) (SENSES AND SENSATION)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANa'YEV, B.G., professor, doktor pedagogicheskikh nauk.

Life and scientific activity of Professor V.N.Osipova, M.D.
Trudy Gos.inst.po izuch.mozga 15:5-8 '47. (MIRA 7:2)
(Osipova, Vera Nikolaevna, 1876-)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANAN'IEV, B.G., professor, doktor pedagogicheskikh nauk; BAKHTADZE, G.A.,
doktor meditsinskikh nauk; GLONTI, T.I., kandidat meditsinskikh
nauk.

Use of psychophysiology in complex diagnosis of postcommotio-
contusion states. Trudy Gos.inst.po izuch.mozga 15:146-157 '47.

(Psychology, Physiological) (Brain--Wounds and injuries)
(MLRA 7:2)

ANAN'YEV, B. G.

Hauptaufgaben der sowjetischen psychologischen Wissenschaft. Berlin, Kultur und
Fortschritt, 1952.

53 p.

Translated from the Russian: Osnovnyye zadachi sovetskoy psikhologicheskoy
nauki, Moscow, 1950

Bibliographical footnotes.

N/5
806.2
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"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, B.G.

Functional asymmetries of tactal and spacial discrimination.
Uch.zap.Len.un. no.185:101-112 54. (MLRA 8:10)
(Space perception) (Touch)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, Boris Gerasimovich; MYASISHCHEV, V.N., professor, redaktor; DORO-

MENKO, N.I., redaktor; GATAULLINA, A.S., tekhnicheskiy redaktor.

[Spatial discrimination] Prostranstvennoe razlichenie. Leningrad,
Izd-vo Leningradskogo universiteta, 1955. 186 p. (MLRA 9:5)
(Space perception)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, B.G.

Association of sensations. Uch.zap.Len.un.no.203:31-52 '55.
(Association of idens)(Senses and sensation) (MIRA 9:7)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

USSR / Human and Animal Physiology. Nervous System. T
Higher Nervous Activity. Behavior.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102275.

Author : Anan'yev, B. G.

Inst : Not given.

Title : The Contribution of Soviet Psychological Science
into the Theory of Perceptions.

Orig Pub: Vopr. psikhologii, 1958, No 1, 3-15.

Abstract: No abstract.

Card 1/1

102

LOMOV, Boris Fedorovich; ANAN'IEV, B.G., prof., red.; GUS'KOV, G.O.,
red.; TARASOVA, V.V., tekhn.red.

[Formation of graphic knowledge and skills in students] Formi-
rovaniye graficheskikh znanii i navykov u uchashchikhsia. Pod
red.B.G.Anan'eva. Moakva, Izd-vo Akad.pedagog.nauk RSFSR, 1959.
268 p.

(MIRA 13:7)

(Drawing--Instruction)

ANAN'YEV, B.G., red.

[Psychological science in the U.S.S.R.] Psichologicheskaiia
nauka v SSSR. Moskva, 1959. 1 v. (MIRA 13:2)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut
psichologii.

(Psychology)

MYASISHCHEV, Vladimir Nikolayevich, prof., red.; KHVILIVITSKIY,
Teodor Yakovlevich, starshiy nauchnyy etrudnik, red.;
GRASHCHENKOV, N.I., prof., red.; ANAN'YEV, B.G., prof., red.;
VASIL'YEV, L.L., prof., red.; GILYAROVSKIY, V.A., prof., red.
[deceased]; OMOROKOV, L.I., prof., zasluzhennyy deyatel' nauki,
red.; PROTOPOPOV, V.P., prof., red. [deceased]; BERKENELIT,
Z.M., red.; RULEVA, M.S., tekhn.red.

[V.M.Bekhterev and modern problems in the structure and function
of the brain under normal and pathological conditions; transactions
of the All-Union Conference in Honor of the 100th Anniversary of
V.M.Bekhterev's Birth] V.M.Bekhterev i sovremennye problemy stroe-
niia i funktsii mozga v norme i patologii; trudy Vsesoiuznoi
konferentsii, posviashchennoi stoletiiu so dnia rozhdeniya V.M.
Bekhtereva. Pod red. V.N.Miasishcheva i T.IA.Khvivilitskogo.
Leningrad, Gos.izd-vo med.lit-ry Medgiz, Leningr.otd-nie, 1959.
(MIRA 14:2)
294 p.

(Continued on next card)

MYASISHCHEV, V.N.---(continued) Card 2.

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR (for Myasishchev).
2. Predsedatel' Uchenogo meditsinskogo soveta Ministerstva zdravookhraneniya SSSR, chlen-korrespondent AN SSSR i deystvitel'nyy chlen AMN SSSR (for Grashchenkov).
3. Deystvitel'nyy chlen Akademii pedagogicheskikh nauk RSFSR (for Anan'yev).
4. Chlen-korrespondent AMN SSSR (for Vasil'yev).
5. Deyatvitel'nyy chlen AMN SSSR (for Gilyarovskiy).
6. Deystvitel'nyy chlen AN USSR (for Protopopov).

(NERVOUS SYSTEM)
(BEKETAREV, VLADIMIR MIKHAILOVICH, 1857-1927)

AHAN'YEV, B.G., red.; KOSTYUK, G.S., red.; LEONT'YEV, A.N., red.; LURIYA, A.R., red.; MENCHINSKAYA, N.A., red.; RUBINSHTEIN, S.L., red.; SMIRNOV, A.A., red.; TEPLOV, B.M., red.; SHEMYAKIN, F.N., red.; ZHUKOV, I.V., red.; PONOMAREV, Ya.A., red.; MATYUSHKIN, A.M., red.; LAUT, V.G., tskhn.red.

[Psychology in the U.S.S.R.] Psichologicheskaisa nauka v SSSR.
Moskva. Vol.1. 1959. 597 p.
(MIRA 12:8)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut psichologii.

(Psychology)

ANAN'YEV, B.G.

Development of psychology in some countries of South America.
Vop.psikh. 5 no.1:157-165 Ja-F '59. (MIRA 12:4)

1. Leningradskiy nauchno-issledovatel'skiy institut pedagogiki APN
RSFSR.
(South America--Psychology)

ANAN'IEV, B.G. [Anan'iev, B.H.]

Space perception and the joint work of the cerebral hemispheres.
Nauk. zap. Nauk.-dosl. inst. psichol. 11:25-28 '59. (NIRA 13:11)

1. Pedagogicheskiy institut APM RSFSR, Leningrad.
(Space perception)

ANAN'YEV, B.G.

Recent advances in space perception theory [with summary in English]. Vop. psichol. 6 no.1:18-28 Ja-F '60. (MIRA 13:6)

1. Leningradskiy nauchno-issledovatel'skiy institut pedagogiki APN RSFSR i kafedra psichologii Leningradskogo universiteta.
(Space Perception)

ANAN'YEV, B.G., prof.

In the Presidium of the Central Council of the Society of
Psychologists. Vop. psikh. 7 no.5:189-190 S-0 '61.

(MIRA 15:1)

1. Predsedatel' Orgkomiteta II s"ynda Obshchestva psikhologov
deystvitel'nyy chlen Akademii pedagogicheskikh nauk RSFSR.
(PSYCHOLOGICAL SOCIETIES)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, B.G.

Bilateral regulation as a mechanism of behavior. Vop. psichol.
9 no.5:83-98 S-0'63. (MIRA 17:2)

1. Kafedra psichologii Leningradskogo universiteta.

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANAN'YEV, B.G.

"I.M.Sechenov's "Brain reflexes" and present-day psychology.
Zhur. vys. nerv. deiat. 13 no.5:772-780 S-0'63
(MIRA 16:11)

1. Chair of Psychology, Leningrad University.

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, G.S.

Character of pineplaines in the eastern slope of the Southern Urals.
Biul. MOIP. Otd. geol. 39 no.5:153 S-0 '64.

(MIRA 18:2)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

NEKRASOVSKIY, Ya.E., professor; LOKSHIN, B.S., dotsent; ZIL'BERMAN, A.I.,
dotsent; ANAN'YEV, B.S., dotsent; PROGNIMAK, D.Ya., inzhener.

Mining systems used in steeply pitching seams where coal and
gas outbursts are likely to occur. Izv. DGI no.24:65-120 '55.
(MLRA 10:2)

(Coal mines and mining--Safety measures)

Y
ANAN'EV, D.D.

Rasstojanie mezdru portami SSSR i glavnymi inostrannymi portami. Distances between the ports of the U.S.S.R. and the main foreign ports. (In Frakutovanie inostrannogo tonnaza. Utv. red. I.M. Saltanova. Moskva, 1935.

SO: Soviet Transportation and Communications, A Bibliograph, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

ACC NR: AR6033806 (N) SOURCE CODE: UR/0124/66/000/007/B058/B059

AUTHOR: Anan'yev, D. M.

TITLE: Stability of a vessel in a particular case of concurrent disturbance

SOURCE: Ref. zh. Mekhanika, Abs. 7B433

REF SOURCE: Tr. Tallinsk. politekhn. in-ta, v. A, no. 222, 1965, 3-13

TOPIC TAGS: ship, motion stability, stationary motion, disturbance, stability, ~~concurrent, Gurvits theorem, ship stability, ship engineering, shipbuilding engineering~~

ABSTRACT: A study is made of the stability of a ship's motion in a disturbance under a stationary regime of motion. The disturbance is assumed to be uniform. The effect of the disturbance on the ship's trim is not taken into account. The ship is assumed to be symmetrical relative to the middle frame. In deriving a stability equation for a ship maintaining a course, the following conditions are assumed: the velocity of the ship is constant and the angle of drift is small. An equation for longitudinal stability is derived on the assumption that the magnitude of resistance to towing is proportional to the square of the ship's velocity. By using Gurvits'

Card 1/3

ACC NR: AR6033806

theorem and solving a differential equation for the stability of a vessel maintaining a course, conditions are obtained for the vessel's stability under stationary conditions of motion and a concurrent disturbance. The condition of stable equilibrium, symmetrical relative to the middle frame of a ship on a following wave is obtained from a differential equation under the assumption that the coefficients in all its terms are positive. A correlation is obtained between the Froude number and the relationship between wave length and the ship's length and angle of direction under conditions of stationary motion and following waves. Results are presented of a computation of the roots of a characteristic equation for stability in maintaining course for a tanker in quiet weather and unstable in maintaining its course, as well as for the directional (course) stability of the trawler "Krasnogvardeysk." Results of the computation show that the stationary motion of a vessel on a following wave will be asymptotically stable if three conditions for stability are fulfilled: the first two relate to stability in maintaining a course and may be reduced, first, to the requirement that the real part of all three roots of the characteristic equation be negative in sign, and second, to the requirement that the control wheel be readjusted at a specific angle; third condition concerns the stability of longitudinal displacement and depending on wave and vessel parameters, assumes that the center of gravity of the vessel lies either within the trough or the crest of the wave.

Card 2/3

ACC NR: AR6033806

On the basis of the computations and their analysis, a conclusion is drawn to the effect that a vessel dynamically stable in calm water may, under disturbed conditions, lose its stability, and conversely, a vessel unstable in calm water may in some cases be found to be stable in disturbed waters. A. A. Aref'yev. A bibliography of 5 titles is included. [Translation of abstract] [SP]

SUB CODE: 20, 13

Card 3/3

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6

ANAN'YEV, F.T.

Improve the development and introduction of inventions. Izebr. v
SSSR. 1 no.2:5-9 Ag '56. (MLRA 10:3)
(Inventions) (Research, Industrial)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310018-6"

ANAN'YEV, F.T., inzhener.

Project of the new "Regualtions on inventions and technical innovations." Izobr. v SSSR l no.5:27-32 N '56. (MIRA 10:3)
(Patent law and legislation)

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kand. tekhn. nauk, retsenzent; DUBASOV, A.A., inzh., red.;
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